

**KEY WORDS:** Peritonitis, Scoring systems, Outcome predictors, morbidity

## **ABSTRACT**

### **BACKGROUND AND OBJECTIVES**

This study attempts to evaluate the prognostic value of MPI scoring system in patients with peritonitis due to hollow viscous perforation, to assess it as a clinical tool in stratifying these patients according to individual surgical risk.

### **METHODS**

30 patients admitted in govt royapettah hospital & kilpauk medical college between april- sept 2014 were included in the study. Necessary data was collected; MPI score was calculated for each patient and analysis done.

### **RESULTS AND INTERPRETATION**

The number of postoperative complications, duration of ICU and hospital stay proportionately increased with the MPI score. Out of the 8 variables used in this scoring system, duration of pain, intra peritoneal fluid and organ failure on admission carried more significance in predicting the morbidity in the post op period than the other variables.

### **CONCLUSION**

MANNHEIM PERITONITIS INDEX is a simple and effective method in predicting the morbidity of patients with hollow viscous perforation